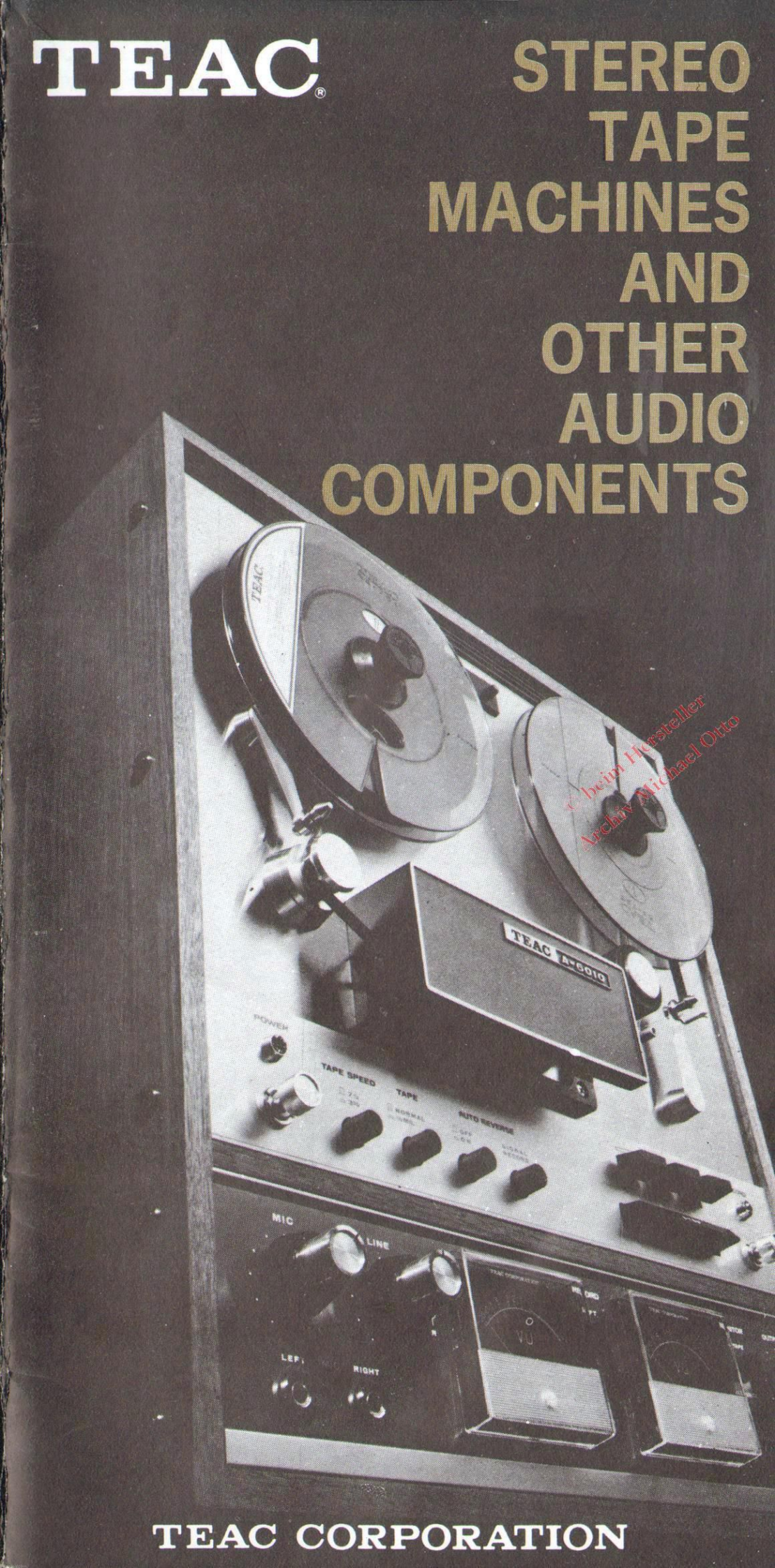
TEAC®

STEREO TAPE MACHINES AND OTHER AUDIO COMPONENTS



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TEAC CORPORATION

A-1500 Tape Deck

- Four separate precision heads
- Automatic reversing system for bi-directional playback
- Oiled walnut cabinet with stainless steel front panel
- Metal portable case version available by special order

- All solenoid controlled electrical operation system
- Triple-motored, durable drive mechanism
- Instant off-the-tape monitoring
- Mike/line mixing
- Stereo echo, and Sound-on-sound by pushbutton operation
- Optional remote control

A-1200 Tape Deck

- Less automatic reverse from A-1500
- 2-track head configuration available by special order

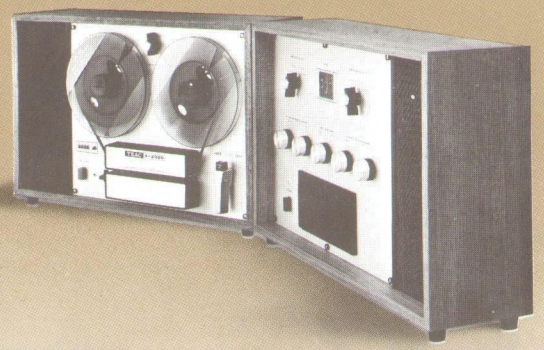
A-2010 Tape Deck

- Three premium heads
- Automatic reversing system for bi-directional playback
- Dual VU meter

- Symmetrically controlled operation system
- Precision hysteresis synchronous motor drive
- Fully silicon-transistorized pre-amplifiers
- Center capstan system and easy threading
- Tape lifter/shifter for head protection
- Oiled walnut cabinet with stainless steel front panel

A-2050 Tape Deck

- Four premium heads
- Separate De Luxe VU meters
- Bi-directional recording and playback by automatic reverse



A-2020 Tape Recorder

- Unique styling with separate tape transport and amplifiers
- Oiled walnut cabinet with chrome-finished front panel
- Metal portable case version available by special order

- Built-in power amplifier (10W music power per channel)
- Built-in stereo speaker system
- Precision hysteresis synchronous motor drive
- Fully silicon-transistorized amplifiers
- Bi-directional recording and playback by automatic reverse
- Center capstan system and easy threading
- Four premium heads

A-2060 Tape Recorder

- Solid construction with heavily-gauged metal frame
- Metal portable case with stainless steel front panel
- Wing-doors for perfect stereo performance

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A-4010S Tape Deck

- Instant off-the-tape monitoring
- Mike/line mixing
- Bi-directional playback
- Separate De Luxe VU meters
- Oiled walnut cabinet with stainless steel front panel
- Tape transport only (A-4000S) available separately with built-in playback pre-amps

- Solenoid controlled symmetrical control operation
- Triple-motored, durable drive mechanism
- Four premium heads
- Automatic reversing system
- Optional remote control and tape tension switch
- Fully silicon-transistorized pre-amplifiers

A-4020 Tape Recorder

- Bi-directional recording and playback
- Built-in woofers and separate tweeters
- Built-in power amplifier (10W music power per channel)
- Metal portable case with stainless steel front panel

A-6010 Tape Deck

- "Phase Sensing" automatic signal reversing system for bi-directional playback
- Reverse delay circuit
- Continuous playback by optional repeat unit
- 10½" reel version of A-6010 available as A-7010

- TEAC Techno-Built precision heads
- Four separate heads in plug-in unit
- Fully silicon-transistorized pre-amplifiers
- Instant off-the-tape monitoring and mike/line mixing
- Optional remote control and editing control
- Tape tension control
- Separate De Luxe VU meters
- Oiled walnut cabinet with stainless steel front panel

A-7030 Tape Deck (2-Track)

- 10½" NAB reel capacity
- High speed selection from 15 ips or 7½ ips
- Switchable 4-track playback
- Switchable automatic stop and automatic rewind
- Optional head assembly for 4-track recording

A-20 Stereo Cassette Tape Deck (4-Track)

- TEAC Techno-Built precision heads
- Hysteresis synchronous motor drive
- Illuminated dual level indicator
- Easy cassette loading/unloading by pushbutton operation
- Separate input/output level control per channel
- Uni-directional stereo microphone

TS-80 Manual Turntable

- "Magnefloat" heavy-duty platter
- Belt drive, pushbutton speed change
- Precision crafted, statically balanced tone-arm
- Moving-coil type cartridge
- Two cartridge shell holders
- Mounted on oiled walnut base

TN-80C Manual Turntable

- Less cartridge and tone-arm from TS-80 for custom installation

TS-85 Manual Turntable

- Super De Luxe version of TS-80 with premium quality tone-arm and cartridge

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FEATURES AND SPECIFICATIONS OF TEAC TAPE MACHINES

(* optional)

MODEL NUMBER		A-1200	A-1500	A-4010S	①A-6010 ②A-7010	A-7030	A-4020	①A-2020 ②A-2060	①A-2010 ②A-2050
TRACK & CHANNEL		4-Track 2-Channel Basically (Stereo or Mono)				2-Track 2-Channel (Switchable to 4-Track Playback)	4-Track 2-Channel (Stereo or Mono)		
HEAD	Number of Head	3	4						①3 ②4
	Configuration	ERP	ERpP	EpRP	ERpP (Plug-in)	ERPP (Plug-in)	E R/P r/p e		①E R/P p ②E R/P r/p e
TAPE SPEED	Speed (ips)	7½, 3¾ (±0.5%)			(15*)	15, 7½ (±0.5%)	7½, 3¾ (±0.5%)	7½, 3¾, 1⅞	
	Speed Change	Electrical Pushbutton (Direct Change of Motor Winding)						Mechanical Lever (Change of Idler)	
MOTOR	Number of Motor	3						1	
	Capstan Motor	4—8 Pole Hysteresis Synchronous Motor						4 Pole Hysteresis Synchronous Motor	
	Reel Motor	Eddy-Current Induction Motor (Separately for Take-up & Supply Reel)						No	
DRIVE TO CAPSTAN BY		Polyurethane Belt						Idler	
LOCATION OF CAPSTAN		Side						Center	
FAST WINDING DRIVE		Directly by Motor						By Idler	
AUTOMATIC REVERSE	Playback	No	Yes			No	Yes		
	Record	No					Yes		①No ②Yes
MANUAL REVERSE		No	Yes			No	Yes		
REPEAT PLAY*		No			Yes*	No			
TAPE TRANSPORT OPERATION		Electro-Mechanical Pushbuttons		Electric Pushbuttons	Electric Piano-Key Buttons		Electric Pushbuttons	Mechanical Lever	
IMPEDANCE ROLLER		No			Yes			No	
TAPE LIFTER FOR FAST WINDING		Yes							
TRANSPORT AUTO SHUTOFF		Yes							
PAUSE (Instant Stop)		No			Yes*		No	Yes	
TAPE TENSION SELECTOR		No		Yes				No	
INDEX COUNTER		All 4 Digit, Pushbutton-to-Reset							
SIZE OF REEL (Maximum)		7″			①7″ ②10½″	10½″	7″		
REMOTE* CONTROL	Facility	Start-Stop Only		Play-Stop-Reverse	Play-Fast-Stop-Record		Play-Stop-Reverse	No	
	Type	RC-101*		RC-401*	RC-601*	RC-701*	RC-402*	No	
WOW & FLUTTER	15 ips	No				0.06%	No		
	7½ ips	0.12%			0.08%		0.12%		
	3¾ ips	0.15%			0.12%	No	0.15%		
	1⅞ ips	No						0.20%	
FAST WINDING TIME For 1,200 ft.		100 seconds			①90 seconds ②200 seconds for 3,600 ft.	200 sec. for 3,600 ft.	100 seconds	110 seconds	
MICROPHONE	Impedance	10 kΩ			①10kΩ ②10kΩ (convertible to low impedance*)	10kΩ (convertible to low impedance*)	10kΩ	600Ω	
	Type	MC-105* or MC-106H*						MC-105* or MC-106L*	
LINE INPUT	Impedance	100kΩ			①300kΩ ②300kΩ (convertible to low impedance*)	300kΩ (convertible to low impedance*)	100kΩ		
	Minimum Level	0.10V		0.14V			0.10V		
MIC & LINE MIXING		Yes					No		
LINE OUTPUT Minimum Load Impedance		10 kΩ		100kΩ			50 kΩ		
Level at O-VU		1.0 V					0.5 V		
BUILT-IN POWER AMPLIFIER OUTPUT		No					20W (total wattage)		No
ATTACHED SPEAKER SYSTEMS		No					5″×7″ Built-in Woofers & Separate Tweeters (8Ω)	①16Ω ②8Ω	No
HEADPHONES*		10kΩ (HP-102)*		8Ω (HP-101)*					
SOUND ON SOUND		By "Add" Switch		By Exterior Connection			No		
STEREO ECHO		By "Stereo Echo" Switch		By "Stereo Echo" Box*			No		
INSTANT OFF-THE-TAPE MONITORING		Yes					No		
LEVEL INDICATOR		Dual VU Meter		Large Separate VU Meters			Dual VU Meters		①Dual VU Meters ②Large Separate VU Meters
TONE CONTROL		No					Yes		
FREQUENCY RESPONSE	15 ips	No				30-20,000Hz ±2dB	No		
	7½ ips	30—20,000 Hz (50—15,000 Hz ±3dB)			30-20,000Hz (50-15,000Hz ±2dB)		30—20,000 Hz (50—15,000 Hz ±3dB)		
	3¾ ips	30—15,000 Hz (50—10,000 Hz ±3dB)			30-15,000Hz (50-10,000Hz ±2dB)		30—15,000 Hz (50—10,000 Hz ±3dB)		
	1⅞ ips	No						40 — 7,000 Hz	
RECORDING DIRECTION		Forward					Both		①Forward ②Both
SIGNAL TO NOISE RATIO		50dB			55dB	58dB	50dB		
POWER REQUIREMENTS	Voltage	100/110/115/220V		100/115/200/220/240 V			100/115/200/220 V	100/115/200/220 V	
	Frequency	50/60 Hz							
	Power Consumption	100 W		110 W	①100W ②150W	150 W	120 W	70 W	①50 W ②70 W
CASE (WOOD-Cabinet) (METAL-Portable)		Wood	Metal or Wood	Wood	①Wood ②Wood or Metal	Wood or Metal	Metal	Metal or Wood	Wood
DIMENSIONS (inches) (h) × (w) ×(d)		15½×17¼×9¾		17¼×17½×9¾	20⅞×17½×8½		16¾×18¼×9	①14×22¼×11½ ②16⅛×17⅝×8½	①15⅝×16⅛×8½ ②17⅝×16⅛×8½
WEIGHT (lbs)		41	42	48	①52 ②62	62	52	①44 ②40	33

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